

H-Pre-Calculus
Trig Values Worksheet

Evaluate each of the following -- exact values only. Do these without using your unit circle.

1. $\sin\left(\frac{5\pi}{6}\right)$

2. $\cos\left(\frac{5\pi}{3}\right)$

3. $\sin\left(\frac{-5\pi}{4}\right)$

4. $\cos\left(\frac{3\pi}{4}\right)$

5. $\sin\left(\frac{11\pi}{3}\right)$

6. $\cos\left(\frac{5\pi}{2}\right)$

7. $\cos\left(\frac{-4\pi}{3}\right)$

8. $\sin\left(\frac{-2\pi}{3}\right)$

9. $\sin\left(\frac{15\pi}{4}\right)$

10. $\cos\left(\frac{7\pi}{6}\right)$

11. $\sin\left(\frac{3\pi}{2}\right)$

12. $\cos(-\pi)$

13. $\tan\left(\frac{5\pi}{4}\right)$

14. $\tan\left(\frac{-\pi}{3}\right)$

15. $\tan\left(\frac{7\pi}{6}\right)$

16. $\tan(\pi)$

17. $\tan\left(\frac{2\pi}{3}\right)$

18. $\tan\left(\frac{\pi}{2}\right)$

19. $\tan\left(\frac{7\pi}{4}\right)$

20. $\tan\left(\frac{11\pi}{6}\right)$

33. $\cot\left(\frac{\pi}{2}\right) + 3\sin\left(\frac{3\pi}{2}\right)$

34. $\tan(0) - 6\sin\left(\frac{\pi}{2}\right)$

42. $\sin^2\left(\frac{5\pi}{4}\right) - \cos^2\left(\frac{3\pi}{2}\right) + \tan\left(\frac{4\pi}{3}\right)$

38. $\sin^2\left(\frac{2\pi}{3}\right) + \cos^2\left(\frac{2\pi}{3}\right)$